

CLAIMS

1. An absorbent article comprising:

a liquid pervious apertured thermoplastic film topsheet, said topsheet having a core-facing face;

a liquid impervious backsheet joined to said topsheet; and

an absorbent core positioned between said topsheet and said backsheet, said absorbent core having a body-facing face and being comprised of at least some synthetic fibers;

wherein the core-facing face of said topsheet is adjacent the body-facing face of said absorbent core and said topsheet is fused to said absorbent core at discrete bonded areas, wherein at least some of said bonded areas provide structures with drainage passageways for liquids to pass through to said absorbent core and the two bonded components display an average peel strength of greater than or equal to about 50g/inch.

2. An absorbent article comprising:

a liquid pervious apertured thermoplastic film topsheet, said topsheet having a core-facing face;

a liquid impervious backsheet joined to said topsheet; and

an absorbent core positioned between said topsheet and said backsheet, said absorbent core comprising an uppermost fibrous acquisition layer comprised of at least some synthetic fibers, said absorbent core having body-facing face defined by said acquisition layer;

wherein the core-facing face of said topsheet is adjacent the body-facing face of said absorbent core and said topsheet is fused to said absorbent core at discrete bonded areas, wherein at least some of bonded areas provide structures with drainage passageways for liquids to pass through to said absorbent core and the two bonded components display an average peel strength of greater than or equal to about 50g/inch.

3. An absorbent article comprising:

a liquid pervious apertured thermoplastic film topsheet, said topsheet having a core-facing face;

a liquid impervious backsheet joined to said topsheet;

an absorbent core positioned between said topsheet and said backsheet; and

a fibrous acquisition layer comprised of at least some synthetic fibers, said acquisition layer being positioned between said topsheet and said absorbent core, said acquisition layer having body-facing face;

wherein the core-facing face of said topsheet is adjacent the body-facing face of said acquisition layer and said topsheet is fused to said acquisition layer at discrete bonded areas, wherein at least some of said bonded areas provide structures with drainage passageways for liquids to pass through to said absorbent core and the two bonded components display an average peel strength of greater than or equal to about 50g/inch.

4. An absorbent article having a longitudinal centerline, said absorbent article comprising:

a liquid pervious apertured thermoplastic film topsheet, said topsheet having a core-facing face;

a liquid impervious backsheet joined to said topsheet;

an absorbent core positioned between said topsheet and said backsheet; and

a fibrous acquisition layer comprised of at least some synthetic fibers, said acquisition layer being positioned between said topsheet and said absorbent core, said acquisition layer having a body-facing face and comprising a folded sheet which has been folded so that a double z-fold structure is formed, wherein when said double z-fold structure is viewed in cross-section taken along a transverse line it is divided into a left half and a right half by the longitudinal centerline, and the left half of the folded sheet appears as a reverse letter "z", and the right half appears as a letter z;

wherein the core-facing face of said topsheet is adjacent the body-facing face of said acquisition layer and said topsheet is fused to said acquisition layer at

discrete bonded areas, at least some of said bonded areas providing structures with drainage passageways for liquids to pass through to said absorbent core.

5. The absorbent article of Claim 4 wherein said absorbent article comprises a longitudinal central region located along said longitudinal centerline and being centered about said longitudinal centerline, and longitudinal side regions laterally outboard of said longitudinal central region, wherein said bonded areas are located in both said longitudinal central region and said longitudinal side regions, said bonded areas having a circular plan view shape, and said bonds located in said longitudinal central region are larger than said bonds located in said longitudinal side regions.

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